

Title (en)  
SIDELINK CHANNEL SECURITY

Title (de)  
SIDELINK-KANALSICHERHEIT

Title (fr)  
SÉCURITÉ DE CANAL DE LIAISON LATÉRALE

Publication  
**EP 4385226 A1 20240619 (EN)**

Application  
**EP 22736120 A 20220527**

Priority  
• GR 20210100544 A 20210809  
• US 2022072621 W 20220527

Abstract (en)  
[origin: WO2023019039A1] Various aspects of the present disclosure generally relate to wireless communication. In some aspects, a first user equipment (UE) may secure a communication for a physical sidelink channel using a secret key, such as a group common secret key or a UE-specific secret key. The UE may transmit the secured communication on the physical sidelink channel to a second UE. The second UE may extract the communication from the secured communication based at least in part on the secret key. Numerous other aspects are described.

IPC 8 full level  
**H04W 12/037** (2021.01); **H04L 5/00** (2006.01); **H04W 80/02** (2009.01)

CPC (source: EP)  
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Designated extension state (EPC)  
BA ME

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KH MA MD TN

DOCDB simple family (publication)  
**WO 2023019039 A1 20230216**; CN 117730554 A 20240319; EP 4385226 A1 20240619

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**US 2022072621 W 20220527**; CN 202280053204 A 20220527; EP 22736120 A 20220527